

Lichttechnischer Prüfbefund

Familie
SiCOMPACT® R3 MAXI

Bestell-Nr.: 5NA75681WP61 + 5NA77961VR12
EAN: 4050737833040 + 4050737777351

LP-Nummer
41542_4

Ausführung streuend LDC6, Lampenblende
Kippung 0.0°
Bestückung 1 x HIT-DE-h15 2000W/863 Leitung l=187
(OSRAM HQI-TS 2000W/D/S ECG)
Betriebsgerät EVG
Bemessungswerte Nettolichtstrom = 228000 lm
Systemleistung = 2240.0 W
Lichtausbeute = 85.5 lm/W

Seriendokumentation
07.07.2015

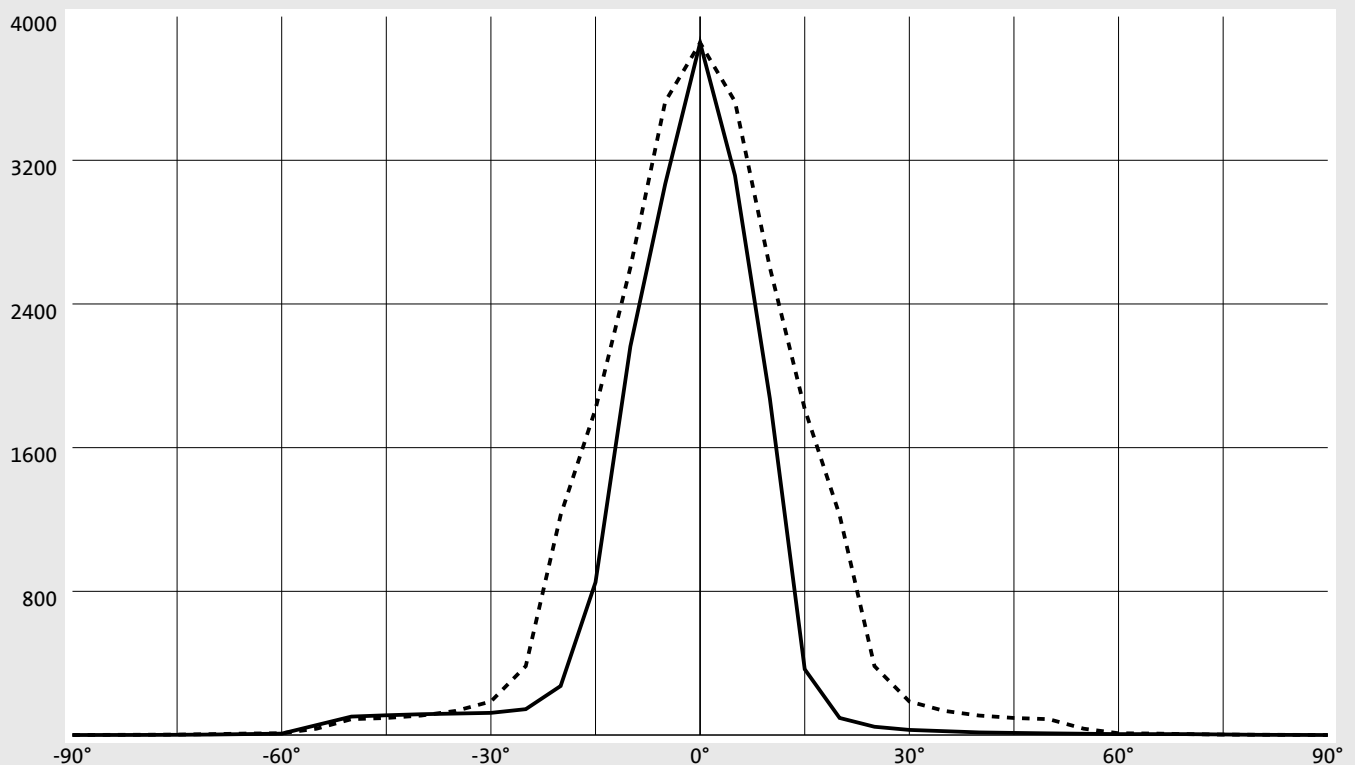
siteco

Lichtstärke in cd/klm

A0

B0

Imax: 3854 cd/klm



Streuwinkel

Halbstreuwinkel B0 -14.3° / 14.3°
Zehntelstreuwinkel B0 -25.0° / 25.0°
Halbstreuwinkel A0 -11.2° / 9.9°
Zehntelstreuwinkel A0 -18.1° / 14.9°

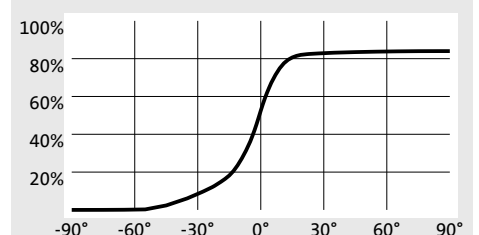
Messbedingungen

DIN EN 13032 und DIN 5032

Leuchtenbetriebswirkungsgrade

Eta 84.0%

Lichtstromverlauf



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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
siteco		

β	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
B-Ebenen	Lichtstärke in cd/klm									
-180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80°	0.4	0.5	0.5	0.5	0.4	0.6	0.5	0.4	0.3	0.5
-70°	2.6	2.8	2.8	2.6	1.6	1.6	1.7	1.6	1.3	1.4
-60°	7.8	8.0	9.0	9.2	5.5	4.6	4.7	4.6	5.4	4.9
-50°	102.6	102.7	103.1	106.7	106.2	79.9	67.5	84.0	18.5	9.0
-40°	115.7	115.8	116.4	123.6	138.4	158.8	179.6	194.4	167.9	111.2
-30°	123.4	124.6	130.8	145.2	170.1	194.8	215.1	226.7	225.7	210.1
-25°	143.9	145.2	152.2	173.0	199.9	223.0	238.0	238.1	231.8	217.4
-20°	272.9	260.8	257.9	235.7	266.0	309.8	265.8	256.2	237.1	215.7
-18°	385.4	357.4	303.1	262.5	281.8	316.3	261.7	245.5	224.0	203.6
-16°	598.4	564.1	421.8	332.4	329.3	295.8	236.7	216.3	195.3	177.6
-14°	1120.4	945.0	657.0	445.2	363.6	304.4	211.2	188.1	167.2	150.7
-12°	1715.6	1457.6	962.7	558.3	366.7	296.3	190.5	167.1	145.3	130.1
-10°	2163.8	1890.6	1207.6	655.1	376.7	277.4	183.6	158.6	136.7	121.2
-8°	2482.8	2207.2	1436.4	791.7	426.8	266.8	181.8	152.1	130.5	115.9
-6°	2826.0	2411.8	1738.0	1089.6	497.7	263.8	178.5	146.0	124.9	109.3
-4°	3293.3	2814.7	2072.8	1472.1	690.6	307.1	181.5	142.0	120.2	103.9
-3°	3499.5	3058.0	2311.1	1653.7	903.7	344.1	185.5	139.6	118.1	101.8
-2°	3625.2	3331.9	2503.8	1801.0	1193.1	378.1	190.7	137.7	114.6	99.7
-1°	3808.8	3539.8	2613.3	1859.9	1287.0	388.9	189.4	135.6	111.2	97.3
0°	3854.0	3526.9	2603.0	1815.2	1224.3	383.6	186.7	134.4	108.4	94.8
1°	3783.1	3404.4	2451.6	1662.4	963.2	345.0	175.4	129.9	104.1	92.2
2°	3641.3	3154.7	2207.2	1447.2	717.8	304.0	160.9	124.7	102.1	90.9
3°	3518.8	2935.6	2014.9	1248.2	572.3	252.8	150.8	118.4	99.0	88.8
4°	3351.3	2729.3	1804.4	1055.8	493.0	229.2	143.6	113.1	97.8	87.6
6°	2809.9	2383.4	1453.6	758.5	361.9	191.0	131.1	108.9	96.1	87.4
8°	2427.7	2000.3	1158.8	575.2	284.7	164.8	122.8	106.3	95.0	86.6
10°	1873.2	1463.0	844.7	426.2	224.5	140.8	114.7	103.2	93.7	86.8
12°	1114.3	943.3	590.3	324.3	184.5	129.2	110.0	100.7	92.2	86.2
14°	539.4	510.6	390.7	236.2	151.4	118.6	106.1	97.4	91.2	85.6
16°	268.7	266.7	225.7	173.0	128.6	108.9	100.8	93.7	88.8	83.8
18°	149.9	141.5	121.6	96.8	86.4	78.5	75.8	73.2	71.8	69.5
20°	95.0	87.4	69.1	48.3	34.8	28.5	25.7	24.3	24.4	24.7
25°	46.0	40.1	32.2	24.4	18.9	15.6	13.8	13.4	12.9	12.5
30°	28.4	27.6	23.1	18.5	14.7	12.5	12.2	12.4	10.8	11.5
40°	14.5	13.8	12.4	11.2	10.4	9.3	8.3	7.7	9.3	10.4
50°	9.2	8.8	7.5	6.8	6.5	6.5	7.3	8.3	8.3	7.9
60°	5.1	5.1	5.2	5.4	5.8	5.7	5.9	5.9	5.2	4.7
70°	4.9	4.1	4.5	4.0	3.5	3.2	3.0	2.9	2.7	2.4
80°	1.1	1.1	0.9	0.9	0.9	0.8	0.9	0.8	0.8	1.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

β	50°	55°	60°	65°	70°	75°	80°	85°	90°	Phi-Zone	Summe Phi-Zone
B-Ebenen	Lichtstärke in cd/klm									Lichtstrom in lm/klm	
-180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80°	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.1	0.0	0.2	0.2
-70°	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.4	0.0	0.6	0.8
-60°	3.6	2.3	1.8	1.4	1.2	1.0	0.9	0.5	0.0	1.8	2.6
-50°	7.3	7.3	3.9	2.1	1.7	1.3	1.1	0.7	0.0	21.0	23.7
-40°	14.3	9.5	8.0	4.3	2.2	1.6	1.2	0.7	0.0	37.3	61.0
-30°	104.6	13.4	7.7	7.1	2.9	2.0	1.3	0.8	0.0	35.8	96.8
-25°	145.1	18.4	7.8	7.6	3.5	2.1	1.4	0.8	0.0	26.9	123.7
-20°	180.4	33.1	8.3	8.1	4.2	2.2	1.4	0.8	0.0	24.8	148.5
-18°	172.8	36.8	8.5	8.3	4.3	2.2	1.4	0.8	0.0	15.5	164.0
-16°	150.4	38.4	8.6	8.1	4.3	2.2	1.4	0.8	0.0	18.0	182.0
-14°	128.3	38.8	8.8	8.2	4.3	2.3	1.5	0.8	0.0	23.6	205.7
-12°	114.7	41.4	9.1	8.1	4.3	2.3	1.5	0.9	0.0	30.6	236.3
-10°	108.4	40.2	9.1	8.2	4.4	2.3	1.5	0.9	0.0	36.4	272.7
-8°	104.1	40.3	9.2	8.3	4.6	2.4	1.5	0.9	0.0	41.6	314.2
-6°	98.6	39.4	9.5	8.4	4.7	2.4	1.5	0.9	0.0	47.7	361.9
-4°	95.2	38.1	10.1	8.3	4.8	2.4	1.5	0.8	0.0	42.8	404.8
-3°	93.3	37.9	10.2	8.4	4.8	2.4	1.5	0.8	0.0	31.6	436.3
-2°	91.4	36.9	10.2	8.3	4.8	2.4	1.5	0.9	0.0	34.5	470.8
-1°	89.9	36.5	10.0	8.3	4.8	2.4	1.5	0.9	0.0	36.2	507.0
0°	88.2	35.2	9.8	8.2	4.8	2.4	1.5	0.9	0.0	35.8	542.8
1°	85.7	31.7	9.3	8.1	4.8	2.4	1.5	0.9	0.0	33.5	576.3
2°	84.7	30.5	9.1	7.9	4.8	2.4	1.5	0.9	0.0	30.3	606.6
3°	83.3	28.9	8.8	7.9	4.7	2.4	1.5	0.9	0.0	27.7	634.3
4°	81.9	26.4	8.7	7.8	4.7	2.4	1.5	0.9	0.0	37.9	672.2
6°	82.0	24.2	8.3	7.6	4.6	2.4	1.5	0.9	0.0	41.8	714.0
8°	81.5	22.0	8.1	7.6	4.5	2.4	1.5	0.8	0.0	34.9	748.9
10°	81.4	19.2	7.9	7.6	4.5	2.3	1.5	0.8	0.0	26.6	775.5
12°	79.8	17.2	7.9	7.7	4.4	2.3	1.4	0.8	0.0	18.6	794.1
14°	78.0	15.7	8.0	7.9	4.3	2.3	1.4	0.8	0.0	12.3	806.4
16°	72.5	14.6	8.1	7.7	4.2	2.2	1.4	0.8	0.0	8.3	814.7
18°	56.4	13.7	8.1	7.6	4.1	2.2	1.4	0.8	0.0	5.3	820.0
20°	22.7	12.9	8.1	7.4	3.9	2.1	1.4	0.8	0.0	4.5	824.4
25°	14.4	11.1	8.2	6.7	3.5	2.0	1.3	0.7	0.0	3.3	827.7
30°	12.7	9.7	7.9	5.7	3.1	1.9	1.3	0.7	0.0	3.8	831.5
40°	9.1	8.0	5.4	3.8	2.4	1.6	1.2	0.7	0.0	3.2	834.8
50°	5.7	4.5	3.8	2.6	1.8	1.4	1.1	0.6	0.0	2.3	837.0
60°	3.9	3.1	2.4	1.9	1.6	1.2	0.8	0.5	0.0	1.6	838.7
70°	2.1	1.8	1.5	1.2	1.0	0.8	0.7	0.3	0.0	1.0	839.7
80°	0.9	0.9	0.8	0.7	0.6	0.5	0.3	0.1	0.0	0.3	840.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	840.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	840.0